

ExxonMobil**FAX TRANSMISSION****Upstream Research Co.****RECEIVED
CENTRAL FAX CENTER****AUG 15 2007**

TO: Name: Examiner Deandra M. Hughes
Company: United States Patent and Trademark Office
Address: P. O. Box 2189
City, State: Alexandria, VA 22313-1450

FAX NO.: 8.1.571.273.8300**DATE:** August 15, 2007**FROM:** J. Paul Plummer, Reg. No. 40,775**Fax No.** (713) 431-4664**RE:** US 10/550,406**Attorney Docket No.** 2003UR016**TOTAL NUMBER OF PAGES TRANSMITTED:**
(INCLUDING THIS COVER PAGE)**9 pages**Transmitted by: **Monica J. Stansberry**

Please call (713) 431-4225 if you do not receive a clear or complete transmission.

Message:

Please confirm your receipt of this facsimile transmission.

1. Transmittal Form (1 page)
2. Response to First Office Action (7 pages)

Mailing Address:
P. O. Box 2189
Houston, Texas, 77252

Shipping Address:
3319 Mercer Street
Houston, Texas 77027

Physical Address:
3120 Buffalo Speedway
Houston, Texas 77098

NOTICE OF CONFIDENTIALITY

This communication contains information which is confidential and/or protected by the attorney-client or other applicable privilege. It is intended for receipt and use solely by the individual(s) named above. If you are not the intended recipient, or the employee or agent responsible for delivering this communication to the intended recipient, you are hereby notified that any use, disclosure, distribution or copying of this document is unauthorized and strictly prohibited. If you have received this communication in error, please notify *ExxonMobil Upstream Research Company* by telephone at (713) 431-4225, immediately, and return this document to us at the above address via the U.S. Postal service.

I:\urc\la-law\PATENTS\Geo - SSI\2003UR016\PTUS Nat'l Resp 1st OA Jun 2007.FAX.doc

**RECEIVED
CENTRAL FAX CENTER**

AUG-15-2007 13:19

EXXONMOBIL URC LAW

AUG 15 2007

713 431 4664

P.02


PTO/SB/21 (04-07)

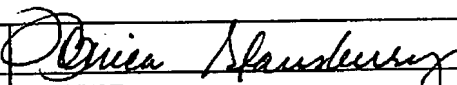
Approved for use through 07/31/2006. OMB 0651-0031
Patent and Trademark Office: US DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/550,406
	Filing Date	09/21/2005
	First Named Inventor	Christine E. Krohn
	Group Art Unit	3663
	Examiner Name	Deandra M. Hughes
Total number of pages in this submission	Attorney Docket Number	2003UR016

ENCLOSURES <i>(check all that apply)</i>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Other Enclosure(s) <i>(please identify below)</i> : 1. 2.
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Firm Name	ExxonMobil Upstream Research Company		
Signature			
Printed Name	J. Paul Plummer		
Date	08/15/07	Reg. No.	40,775

CERTIFICATE OF TRANSMISSION / MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Signature	 Monica J. Stansberry
Date	08/15/07

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

I:\urc\law\PATENTS\Geo - SSI\2003UR016\PCT\US Nat\Resp 1st OA Jun 2007\Transmittal.doc

**RECEIVED
CENTRAL FAX CENTER****AUG 15 2007****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/550,406 Confirmation No.: 2261
Applicant : Christine E. Krohn Date: 15 August 2007
Filed : September 21, 2005
TC/Art Unit : 3663
Examiner : Deandra M. Hughes
Docket No. : 2003UR016

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Via Facsimile: 8.1.571.273.8300
9 pages

RESPONSE TO FIRST OFFICE ACTION

Sir:

This communication is in response to the Office Action mailed June 5, 2007 concerning the above identified patent application.

Remarks begin on page 2 of this paper;

Amendments to the Specification begins on page 6 of this paper;

Conclusion begins on page 7 of this paper.